

What is claimed is:

1. A fork lift truck, comprising:  
a vehicle frame;  
a lifting mechanism; and  
a front axle having an axle body connected to the vehicle frame by at least one elastic bearing,  
wherein the lifting mechanism is connected with the axle body by a non-elastic bearing or by a rigid connecting element.
2. The fork lift truck as claimed in claim 1, wherein the lifting mechanism is connected to the axle body by a rigid connecting element and the lifting mechanism can be tilted with the axle body relative to the vehicle frame.
3. The fork lift truck as claimed in claim 2, wherein the elastic bearing is configured such that relative movement that takes place in the event of a tilting of the lifting mechanism between the axle body and the vehicle frame is equalized by the elastic bearing.
4. The fork lift truck as claimed in claim 1, wherein each elastic bearing includes at least one elastic damping element.
5. The fork lift truck as claimed in claim 1, including at least one drive unit for traction operation of the fork lift truck fastened to the axle body.
6. The fork lift truck as claimed in claim 1, wherein front wheels of the fork lift truck are mounted on the axle body.
7. The fork lift truck as claimed in claim 1, wherein the lifting mechanism is connected to the axle body at at least two positions.
8. The fork lift truck as claimed in claim 1, wherein the axle body is formed by a tubular component.

9. The fork lift truck as claimed in claim 1, including at least one ring-shaped axle clamp connected with the vehicle frame, wherein at least one elastomeric damping element is located between the axle body and each axle clamp.

10. The fork lift truck as claimed in claim 1, wherein the axle body is made at least partly of gray cast iron.

11. The fork lift truck as claimed in claim 1, wherein the lifting mechanism is connected with the axle body by a rigid connecting element, and the lifting mechanism is connected with the vehicle frame by at least one support element spaced from the axle body, such that a torque acting on the axle body is supported by the lifting mechanism and the support element on the vehicle frame.

12. The fork lift truck as claimed in claim 11, wherein the support element includes at least one hydraulic tilting cylinder.

13. The fork lift truck as claimed in claim 4, wherein the elastic damping element is an elastomeric damping element.

14. The fork lift truck as claimed in claim 3, wherein each elastic bearing includes at least one elastomeric damping element.

15. The fork lift truck as claimed in claim 2, wherein the axle body is formed by a tubular component.

16. The fork lift truck as claimed in claim 2, including at least one ring-shaped axle clamp connected with the vehicle frame, wherein at least one elastomeric damping element is located between the axle body and each axle clamp.

17. The fork lift truck as claimed in claim 4, including at least one ring-shaped axle clamp connected with the vehicle frame, wherein at least one elastomeric damping element is located between the axle body and each axle clamp.

18. The fork lift truck as claimed in claim 4, wherein the lifting mechanism is connected with the axle body by a rigid connecting element, and the lifting mechanism is connected with the vehicle frame by at least one support element spaced from the axle body, such that a torque acting on the axle body is supported by the lifting mechanism and the support element on the vehicle frame.

19. The fork lift truck as claimed in claim 9, wherein the lifting mechanism is connected with the axle body by a rigid connecting element, and the lifting mechanism is connected with the vehicle frame by at least one support element spaced from the axle body, such that a torque acting on the axle body is supported by the lifting mechanism and the support element on the vehicle frame.

20. The fork lift truck as claimed in claim 19, wherein the support element includes at least one hydraulic tilting cylinder.